

ISPO
18TH WORLD CONGRESS
virtual edition



1-4 November 2021

**Digital Transformation
in an Evolving World**

PROGRAMME



INTERNATIONAL
SOCIETY FOR PROSTHETICS
AND ORTHOTICS

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ISPO 18th World Congress virtual edition



Edward Lemaire
ISPO President

Welcome message

The ISPO World Congress is a premiere global event for prosthetics, orthotics, and assistive technology services that improve mobility and quality of life for people with physical disabilities. As ISPO President, it is my privilege to welcome you to the 2021 virtual event and to join us in celebrating ISPO's 50th anniversary, sharing ideas and innovations to improve knowledge and services, exploring the trade exhibition, and expanding your digital circle of influence with other delegates.

The World Congress theme is *Digital Transformation in an Evolving World*. This is a timely topic

since assistive technology service providers and innovators have been using digital tools to communicate and meet the needs of end-users during the global pandemic. However, this transformation from manual to digitally enhanced services has been taking place over the past few decades. The ISPO World Congress will facilitate learning and exchange of experiences that can help with this transformation, establishing new and innovative skills for improving the lives of people with mobility deficits.

This World Congress is the first virtual event of this scope hosted by ISPO. In addition to providing global access to state-of-the-art knowledge, this digital congress will also provide opportunities for delegates to engage with its events from afar while also exploring regional perspectives.

We live in an exciting era of innovation and opportunity. I look forward to seeing you online to share and enjoy the knowledge and inspiration the event promises to offer.

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50

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LIMITATIONS



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International Society for Prosthetics and Orthotics



Activities during the World Congress

Opening

Edward Lemaire, the President of ISPO, will welcome participants to the ISPO 18th World Congress on Monday, 1 November, 13:00-13:30 UTC. Afterwards, the IC2A Inspirational Lecture will be held.

International Community Area

Learn about projects and developments by non-profit organisations active in the rehabilitation field by visiting the virtual International Community Area.

50th Anniversary celebrations

ISPO has been celebrating its 50th anniversary with various activities over the past months. The World Congress will highlight the milestones, achievements, and collaborations in these 50 years of *Moving Beyond Physical Disability*.

ISPO exhibitor profile

Visit our profile in the virtual exhibition area and find out about ISPO's recent projects and latest developments.

ISPO World Assembly

ISPO's official assembly of all members and member societies will be taking place virtually on Wednesday, 3 November, 12:00-14:00 UTC.

ISPO Biennium Report 2019-2021

Make sure to download ISPO's Biennium Report, which is available on the virtual platform. The report captures a snapshot of the society's activities over the last two years.

The event at a glance

Live dates

Monday, 1 November to Thursday, 4 November 2021
4 days of live congress and exhibition

Live streaming times 8 hours each day covering several time zones

Venue

Digitally worldwide

Media library

4 November 2021 to 31 October 2022 (one year availability for scientific sessions, posters, and exhibitor workshops)
4 November 2021 to 30 November 2021 (exhibition area)

Keynote speakers



Christopher Hutchison
IC2A Inspirational Lecture

Monday, 1 November, 13:30-14:00 UTC

Prosthetics for All – Changing Lives through Digital Technologies

Christopher Hutchison is co-founder and CTO of ProsFit, which provides end-to-end digital solutions for prosthetics provision.

In 2009 Christopher was in an accident which led to amputations of both legs (TT & TF). The deeper understanding he gained from this tragedy inspired him to work closely with CPOs around the world, developing comprehensive experience and knowledge of prosthetic fitting, especially in relation to sockets. This has allowed him to drive “user-generated innovation” and become a recognised positive “disruptor” in prosthetics.

An economist by training, Christopher is the architect of ProsFit’s technology and business solutions. Prior to the founding of ProsFit in Bulgaria in 2013, he gained valuable experience in private equity, financial analysis, and business development consulting.

Christopher’s IC2A Inspirational Lecture will address his own personal journey after amputation and our common one towards the vision of “Prosthetics for All – Changing Lives through Digital Technologies”.



Dr Alarcos Cieza

Tuesday, 2 November, 06:00-06:45 UTC

Strengthening Rehabilitation in a Changing World

Dr Alarcos Cieza oversees the World Health Organization’s work on vision, hearing, disability, and rehabilitation in her position as Unit Head of Sensory Functions, Disability and Rehabilitation.

Prior to joining WHO in September 2014, she served as Chair and Professor of Medical Psychology at the Faculty of Social and Human Sciences at the University of Southampton in the United Kingdom. After obtaining her Master of Science in psychology in Madrid, Spain, she received a Master in Public Health and obtained a PhD in Medical Psychology from the Ludwig-Maximilians-University in Munich, Germany.

For over ten years, Alarcos has led research units at both the Department of Physical Medicine and Rehabilitation and the Pettenkofer School of Public Health at the LMU.



Dr Matthew Major



Dr Alex Dickinson

Wednesday, 3 November, 00:00-00:45 UTC

Personalized Rehabilitation: Mapping the Links Between Prosthesis Parameters, Motor Capacity, and Clinical Outcomes for Optimizing Interventions

Dr Matthew J. Major, PhD, is an Associate Professor at Northwestern University and a Research Health Scientist at the Jesse Brown VA Medical Center in Chicago, USA. He is a faculty member of the Northwestern University Prosthetics-Orthotics Center (NUPOC), where he directs the Prosthetics and Orthotics Rehabilitation Technology Assessment Laboratory (PORTAL).

Matthew's research focuses on the design and optimization of rehabilitation interventions to enhance mobility and independence of individuals with musculoskeletal or neurological pathology. He serves on the Journal of Prosthetics & Orthotics Editorial Board, the Orthotic and Prosthetic Education and Research Foundation Research Committee, and the ISPO Scientific Committee.

Thursday, 4 November, 13:00-13:45 UTC

Digital Workflows for Predictive Prosthetic Socket Design (or Why I'm Glad I Made Friends with Prosthetists and Prosthesis Users)

Dr Alex Dickinson is an Associate Professor at the Mechanical Engineering Department, University of Southampton, United Kingdom. He held a personal Research Fellowship from the Royal Academy of Engineering (2015-2020) where he developed a team for working on data technologies to enhance the design and assessment of prosthetic limbs. He also leads a Global Challenges Research Fund (GCRF) project with partners at Exceed Worldwide (Cambodia) and the University of Salford investigating how digital assessment and design technologies might help enhance access to P&O services in low-resourced settings.

Alex lectures undergraduates in Design & Computing, Structural Analysis, and various Masters-level biomedical engineering courses. He is an active member of the Exceed Research Network, co-founder of the People Powered Prosthetics interdisciplinary research group, a member of ISPO UK, and a Fellow of the Institution of Mechanical Engineers. He sits on the IMechE's Biomedical Engineering Division board and is Associate Editor (reviews) for the journal Medical Engineering & Physics.

Programme information

Congress committees

World Congress Committee

Edward Lemaire, Chair

Claude Tardif

Marlo Ortiz

Friedbert Kohler

Georg Blome

Jacqueline Hebert

Scientific Committee

Jacqueline Hebert, Chair

Dick Plettenburg

Corry van der Sluis

Deirdre Desmond

Stefania Fatone

Carlos Galván Duque Gastélum

Liselotte Hermansson

Han Houdijk

Jeanne Kagwiza

Martin Twiste

Continuing Professional Development credits

The programme is accredited for one ISPO CPD credit per hour by the ISPO Continuing Professional Development Committee. After the event, participants will be able to retrieve a record so they can claim CPD credits with their national and international CPD certification or accreditation bodies. Delegates can only claim CPD credits for those hours actually spent in the virtual education activity.

Regional Panels

A series of Regional Panels will be held that discuss aspects of the congress theme Digital Transformation in an Evolving World. Each day will feature one panel with regional experts who will explore how digital transformation is affecting practice in different parts of the world. Check the programme for details on the Regional Panel close to your time zone

and connect to any of the panels to get a global perspective on digital applications for assistive technology.

Access to the virtual platform

ISPO will email a unique event link to all participants. Participants will be required to sign in or create an account on the Morressier platform. Therefore, it is recommended to log in at least five minutes in advance of the congress start time and completing your user profile (photo, name, institution, country). The Chrome browser is recommended.

Changes to the programme

The organiser of the congress does not accept responsibility for changes to the programme schedule after this document has been finalised. The up-to-date programme is available online and in the virtual platform.

Congress language

All presentations will be held in English

Poster presentations

Posters will be available digitally throughout the congress with scheduled interaction sessions with presenters

Prizes and Awards



Forchheimer Prize

Presentation:

Tuesday, 2 November, 06:45-07:00 UTC

The prize was established by the Forchheimer Family to honour the memory of Mr. Alfred Forchheimer and Mrs. Sylvia Forchheimer. It is awarded to the most outstanding paper on objective clinical assessment, clinical evaluation, or clinical measurement published in Prosthetics and Orthotics International during the years prior to the event.

Elite Reviewer Award

Presentation:

Wednesday, 3 November, 00:45-01:00 UTC

The evaluation of a manuscript for publication is a difficult task requiring critical thinking and demanding time, effort, and clear articulation of opinions. As this activity is almost devoid of reward or recognition, and is usually anonymous to all but the journal editors, the Elite Reviewer Award has been established to recognise reviewers whose contributions to Prosthetics and Orthotics International (POI) have been of extraordinary magnitude and quality.

Sepp Heim Award

Presentation:

Thursday, 4 November, 20:30-21:00 UTC

The award was established by ISPO to honour the memory of Mr. Sepp Heim for a lifetime of significant contributions to both ISPO and the development of Prosthetic and Orthotic education and services in developing countries. It recognizes individuals or organizations that have made significant contributions to the development and/or provision of appropriate mobility device services in less-resourced settings.

World Congress Best Paper and Poster Prizes

Presentation:

Thursday, 4 November, 20:30-21:00 UTC

The prizes were established by ISPO and are awarded by the Scientific Committee of the ISPO World Congress to five authors presenting free papers/posters during the closing session.



Programme at a glance

Monday, 1 November

All times are Coordinated Universal Time (UTC)

	CHANNEL 1	CHANNEL 2
13:00	Opening	
13:15	<i>Edward Lemaire</i>	
13:30	IC2A Inspirational Lecture: Prosthetics for All – Changing Lives through Digital Technologies	
13:45	<i>Christopher Hutchison</i>	
14:00		
14:15	Towards Smart and Intuitive Osseointegrated	Orthotics: Lower Limb – Ankle Foot Orthoses
14:30	Transfemoral Prostheses Embodying Dynamic Behaviours	<i>Cody McDonald, Riantes P. Kruger</i>
14:45	<i>Raffaella Carloni</i>	Free Paper Session
15:00	Advanced Instructional Course Prosthetics: Lower Limb	Orthotics: Lower Limb
15:15	Exhibitor and Poster Viewing Networking Time	
15:30		
15:45		
16:00	Scientific Principles of Prosthetic Foot Design	Orthotic and Therapeutic Approach in
16:15	<i>Tim Bryant</i>	Sports – From Prevention to Rehabilitation
16:30	Symposium	<i>Merkur Alimusaj</i>
16:45	Prosthetics: Lower Limb	Advanced Instructional Course Sports & Physical Activity
17:00		
17:15	Prosthetics: Lower Limb – Sockets	Conducting Worthwhile P&O Research in Low-Resource
17:30	<i>Natalie Vanicek, Elham Esfandiari</i>	Settings: What Constitutes Useful Data? A Data-Driven
17:45	Free Paper Session	Approach to Drive Stakeholder-Defined Impact.
18:00	Prosthetics: Lower Limb	<i>Alex Dickinson</i> Symposium Developing Countries
18:15	Exhibitor and Poster Viewing Networking Time	
18:30		
18:45	Prosthetics: Lower Limb – Gait Biomechanics and Energy	Towards Novel Solutions for Ankle-Foot Orthotics
19:00	<i>Deanna Gates, Cleveland T Barnett</i>	Optimization in Clinical Practice
19:15	Free Paper Session Prosthetics: Lower Limb	<i>Niels Waterval</i>
19:30		Advanced Instructional Course Orthotics: Lower Limb
19:45		
20:00	Prosthetics: Lower Limb	Prosthetics: Upper Limb
20:15	<i>Noah Rosenblatt, Carlos Galván Duque Gastélum</i>	<i>Jacqueline Hebert, Katherine Davies</i>
20:30	Free Paper Session	Free Paper Session
20:45	Prosthetics: Lower Limb	Prosthetics: Upper Limb
21:00		

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Congress topics



Prosthetics



Orthotics



Other

CHANNEL 3	CHANNEL 4	
		13:00
		13:15
		13:30
		13:45
		14:00
Healthcare Policy and Services <i>Cory van der Sluis, Subhash Sinha</i> Free Paper Session	Digital Transformation in the Middle East <i>Raid Alkhatab</i> Regional Panel	14:15
Healthcare Policy and Services		14:30
		14:45
		15:00
		15:15
		15:30
		15:45
Rehabilitation Medicine and Surgery: Lower Limb <i>Shruti Turner, David Morgenroth</i> Free Paper Session	Vorum Exhibitor Workshop	16:00
Rehabilitation Medicine and Surgery		16:15
		16:30
		16:45
	17:00 - 17:30	17:00
Gait and Balance: Gait Analysis <i>Carlos Galván Duque Gastélum, Hendrik Van de Meent</i> Free Paper Session	Spentys A digital production workflow for pediatric AFOs: from 3D scan to 3D printed pediatric AFO	17:15
Gait and Balance	<i>Tom Claes</i> Exhibitor Workshop	17:30
		17:45
		18:00
		18:15
		18:30
		18:45
Digital Transformation of Prosthetic and Orthotic Services <i>Catherine Holloway</i> Symposium Device Fabrication and Design	19:00 - 19:30 UNYQ 3Dprinted Wears - Digital Innovation driving Emotional Success <i>Eythor Bender, Aldara Arias de Saavedra</i> Exhibitor Workshop	19:00
		19:15
		19:30
		19:45
Training and Therapy <i>Mark Geil, Karen Andrews</i> Free Paper Session Training and Therapy		20:00
		20:15
		20:30
		20:45
		21:00

As of 11 October 2021. This programme is subject to change.

Programme at a glance

Tuesday, 2 November

All times are Coordinated Universal Time (UTC)

	CHANNEL 1	CHANNEL 2
06:00	Keynote Lecture : Strengthening Rehabilitation in a Changing World	
06:15	<i>Alarcos Cieza</i>	
06:30		
06:45	Presentation of the Forchheimer Prize	
07:00		
07:15	Best Practice and Advances in Paediatric Upper Limb Prosthetics	Orthotics: Lower Limb – Foot Orthoses
07:30	<i>Simon Shaw</i>	<i>Jeanne Kagwiza, Pawel Maciejasz</i>
07:45	Symposium Prosthetics: Upper Limb	Free Paper Session
08:00		Orthotics: Lower Limb
08:15	Exhibitor and Poster Viewing Networking Time	
08:30		
08:45		
09:00	Prosthetics for Low-and-Middle-Income Countries (LMICs): Challenges and Opportunities	Innovations in the Design of Hard Rigid Braces for Adolescent Idiopathic Scoliosis Treatment
09:15	<i>Karthikeyan Kandan</i>	<i>Guerrino Rosellini</i>
09:30	Symposium Prosthetics: Lower Limb	Advanced Instructional Course Orthotics: Spinal
09:45		
10:00		
10:15	LEAD (Lower Extremity Amputation Dataset): Outcome of a Global Consensus	Orthotics: Spinal
10:30	<i>Gregory Halford</i>	<i>Martin Twiste, Alina Kuzyakina</i>
10:45	Symposium Prosthetics: Lower Limb	Free Paper Session
11:00		Orthotics: Spinal
11:15	Exhibitor and Poster Viewing Networking Time	
11:30		
11:45	Prosthetics: Upper Limb	Challenges and Opportunities: P&O Education During the Covid-19 Situation
12:00	<i>Charlotte Bosman, Dick Plettenburg</i>	<i>Sirirat Seng-ia</i>
12:15	Free Paper Session	Symposium Education
12:30	Prosthetics: Upper Limb	
12:45		
13:00	Prosthetics: Lower Limb – Prosthetic Feet and Alignment	Latest Developments in ISPO P&O Educational Activities, Focusing on the New ISPO Education Standards, GEM2022, COVID-19 and Blended Learning
13:15	<i>Senay Çerezci Duygu, Chelsey Anderson</i>	<i>Christian Schlierf</i>
13:30	Free Paper Session	Symposium Education
13:45	Prosthetics: Lower Limb	
14:00		

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Congress topics



Prosthetics



Orthotics



Other

CHANNEL 3

CHANNEL 4

		06:00
		06:15
		06:30
		06:45
		07:00
Phantom Limb Pain <i>Carol Connolly, Corry van der Sluis</i> Free Paper Session Phantom Limb Pain	Digital Transformation in Europe Regional Panel	07:15
		07:30
		07:45
		08:00
		08:15
		08:30
		08:45
Psychosocial Issues / Quality of Life <i>A.A. Peters, Sarah Day</i> Free Paper Session Psychosocial Issues / Quality of Life		09:00
		09:15
		09:30
		09:45
		10:00
		10:15
		10:30
		10:45
		11:00
		11:15
		11:30
Conducting Worthwhile P&O Research in Low-Resource Settings: What Constitutes Good Research, and a Good Outcome? <i>Cheryl Metcalf</i> Advanced Instructional Course Developing Countries		11:45
		12:00
		12:15
		12:30
	Össur Direct Socket: An Innovative Lower Limb Socket Solution <i>Luuk Bazelmans</i> Exhibitor Workshop	12:45
Gait and Balance: Ambulatory Capacity and Balance <i>Liselotte Hermansson, Aliyeh Daryabor</i> Free Paper Session Gait and Balance		13:00
		13:15
	Prosthetic Design Inc. Fabrication and Delivery of a PDI Squirt Shape 3D Socket <i>Paul Ley</i> Exhibitor Workshop	13:30
		13:45
		14:00

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Programme at a glance

Wednesday, 3 November All times are Coordinated Universal Time (UTC)

	CHANNEL 1	CHANNEL 2
00:00	Keynote Lecture: Personalized Rehabilitation: Mapping the Links Between Prosthesis Parameters, Motor Capacity, and Clinical Outcomes for Optimizing Interventions	
00:15	<i>Matthew Major</i>	
00:30	Presentation of the Elite Reviewer Award	
00:45		
01:00		
01:15	Myoelectric Control Training Using a Flexible Physical and Virtual System <i>Michael Dawson</i> Advanced Instructional Course Prosthetics: Upper Limb	Orthotics: Device Fabrication and Design
01:30		<i>Hiroshi Hashimoto, Sumiko Yamamoto</i>
01:45		Free Paper Session Orthotics
02:00	Exhibitor and Poster Viewing Networking Time	
02:15		
02:30		
02:45		
03:00	Sustainable, Affordable and Functional: The AERO Prosthetic Liner Course <i>Gary Guerra</i> Basic Instructional Course Prosthetics: Lower Limb	Evidence-Based Practice of Gait Training in Early Post Stroke Using Lower Limb Orthoses
03:15		<i>Hiroshi Hashimoto</i>
03:30		Advanced Instructional Course Orthotics: Lower Limb
03:45		
04:00		
04:15	Prosthetics: Lower Limb <i>Kourosh Barati, Shin Sasaki</i> Free Paper Session Prosthetics: Lower Limb	Advanced Orthotic Systems for Management of Adolescent Idiopathic Scoliosis
04:30		<i>M. S. Wong</i>
04:45		Symposium Orthotics: Spinal
05:00	Exhibitor and Poster Viewing Networking Time	
05:15		
05:30		
05:45	Prosthetics: Lower Limb – Osseointegration <i>Kazuhiro Sakai, Laurent Frossard</i> Free Paper Session Prosthetics: Lower Limb	COMPASS (Consensus Outcome Measures for Prosthetic and Amputation Services): Outcomes of a Global Consensus
06:00		<i>Gregory Halford</i>
06:15		Symposium Outcome Measurements
06:30		
06:45		
07:00	Best Practice and Advances in Adult Upper Limb Prosthetics <i>Simon Shaw</i> Symposium Prosthetics: Upper Limb	Orthotics: Lower Limb
07:15		<i>Han Houddijk, Akouetevi Aduayom-Ahego</i>
07:30		Free Paper Session
07:45		Orthotics: Lower Limb
	12:00 - 14:00 ISPO World Assembly	

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Congress topics



Prosthetics



Orthotics



Other

CHANNEL 3

CHANNEL 4

		00:00
		00:15
		00:30
		00:45
		01:00
Education <i>Bryan Malas, Thomas Fitzpatrick</i> Free Paper Session Education	Digital Transformation in Asia Regional Panel, <i>Kengo Onishi, MS Wong</i>	01:15
		01:30
		01:45
		02:00
		02:15
		02:30
		02:45
		03:00
		03:15
		03:30
		03:45
	Teh Lin Step into the Future: Providing Value & Function with the V-One Microprocessor Knee <i>Chet Dixon</i> Exhibitor Workshop	04:00
		04:15
		04:30
		04:45
		05:00
		05:15
		05:30
Modified Transfemoral Prosthetic Undergraduate Teaching in Response to the Coronavirus Pandemic <i>Anthony McGarry</i> Advanced Instructional Course Education		05:45
		06:00
		06:15
		06:30
		06:45
Developing Countries: Rehabilitation Strategies <i>Jeanne Kagwiza, Indra Vijay Singh</i> Free Paper Session Developing Countries		07:00
		07:15
		07:30
		07:45

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Programme at a glance

Thursday, 4 November

All times are Coordinated Universal Time (UTC)

	Channel 1	Channel 2
13:00	Keynote Lecture: Digital Workflows for Predictive Prosthetic Socket Design (or Why I'm Glad I Made Friends with Prosthetists and Prosthesis Users) <i>Alex Dickinson</i>	
13:15		
13:30		
13:45	Design of Fit-For-Purpose, and Fit-For-Context, Purely Mechanical Upper Limb Prosthesis <i>Alix Chadwell</i>	Orthotics: Lower Limb <i>Christine McMonagle, Gordon Ruder</i>
14:00		Free Paper Session
14:15	Symposium Prosthetics: Upper Limb	Orthotics: Lower Limb
14:30		
14:45	Exhibitor and Poster Viewing Networking Time	
15:00		
15:15		
15:30	Prosthetics: Lower Limb – Prosthetic Knees <i>Kerstin Hagberg, Martha Mulerwa</i>	Ankle-Foot Orthoses in Early Post-Stroke Rehabilitation <i>Corien Nikamp</i>
15:45	Free Paper Session	Symposium Orthotics: Lower Limb
16:00	Prosthetics: Lower Limb	
16:15		
16:30		
16:45	Challenges of a Modern Transfemoral Socket Design <i>Marlo Ortiz</i>	Gait and Balance: Gait over Different Terrains <i>Deirdre Desmond, Terje Gjøvaag</i>
17:00		Free Paper Session
17:15	Advanced Instructional Course Prosthetics: Lower Limb	Gait and Balance
17:30		
17:45	Exhibitor and Poster Viewing Networking Time	
18:00		
18:15	Prosthetics: Lower Limb – Sockets <i>Eileen Morrow, Joan Sanders</i>	Prosthetics and Orthotics Education and Workforce in Sub-Saharan Africa Countries <i>Akouetevi Aduayom-Ahego</i>
18:30	Free Paper Session	Symposium Developing Countries
18:45	Prosthetics: Lower Limb	
19:00		
19:15		
19:30	Prosthetics: Device Fabrication and Design <i>Han Houdijk, Andreas Hahn</i>	Recent Advances in the Management of Spasticity in People with Neuromusculoskeletal Conditions <i>Vahid Abdollah</i>
19:45	Free Paper Session	Basic Instructional Course Rehabilitation Medicine and Surgery
20:00	Prosthetics	
20:15		
20:30	Awards and Closing <i>Edward Lemaire, Claude Tardif</i>	
20:45		
21:00		

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Congress topics



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Orthotics



Other

Channel 3	Channel 4	
		13:00
		13:15
		13:30
Outcome Measurements <i>Nienke Kerver, Thomas Schmalz</i> Free Paper Session Outcome Measurements	Digital Transformation in the Americas <i>William Miller</i> Regional Panel	13:45
		14:00
		14:15
		14:30
		14:45
		15:00
		15:15
Starting and Managing an Osseointegration Surgical and Rehabilitation Program for Lower Limb Amputees. How I do it <i>Jan Paul Frölke</i> Advanced Instructional Course Rehabilitation Medicine / Surgery	15:45 - 16:15 Naked Prosthetics Novel, Functional Solutions for Finger and Partial-Hand Amputees <i>Drew Leininger</i> Exhibitor Workshop	15:30
		15:45
		16:00
		16:15
		16:30
		16:45
Rehabilitation Medicine and Surgery: Upper Limb <i>Brenda Teddy Nakandi, Helena Burger</i> Free Paper Session Rehabilitation Medicine and Surgery		17:00
		17:15
		17:30
		17:45
		18:00
		18:15
COVID-19: Facing the Pandemic-Related Challenges to Implement P&O Clinical Training <i>Marcelo Álvarez Carrascosa</i> Symposium Education		18:30
		18:45
		19:00
		19:15
		19:30
Humanitarian Consequences of Migration and Disability in Latin America <i>Oscar Bermúdez</i> Free Paper Session Developing Countries		19:45
		20:00
		20:15
		20:30
		20:45
		21:00

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MEET US AT THE ISPO 18TH WORLD CONGRESS



Visit our booth and win free tickets to OTWorld!



OTWORLD

International Trade Show and World Congress

10 – 13 May 2022
Leipzig, Germany

Join the progress.

www.ot-world.com

Virtual exhibition



In the virtual exhibition area, you will be introduced to the following international companies presenting the industry's latest products and innovations and offering an opportunity for you to network and get your questions answered.

Most of the exhibitors will also host a workshop for you to get hands-on information on their products – check out the programme for details.

Exhibitors

Ottobock SE & Co. KGaA
Germany



Proactive Technical Orthopaedics Private Limited
India



Össur Europe BV
The Netherlands



Prosthetic Design, Inc.
USA



HP 3D Printing & Digital Manufacturing
Spain



Spentys NV
Belgium



Acor Orthopaedic, Inc
USA



Teh Lin Prosthetic & Orthopaedic Inc.
Taiwan



International Society for Prosthetics and Orthotics
Denmark



UNYQ Design Europe S.L.
Spain



Naked Prosthetics
USA



VORUM Research Corporation
Canada



OTWorld
Germany



As 11 October 2021.

International Community Area

In the International Community Area, ISPO non-profit organisations active in the rehabilitation field will showcase their activities and achievements with an electronic poster.

Organisation

Country

Amsterdam UMC, Academic Medical Center

The Netherlands

**British Association of Chartered Physiotherapists in
Amputee Rehabilitation (BACPAR)**

United Kingdom

Enhancing Skills for Life

USA

handsmart

USA

International Committee of the Red Cross (ICRC)

International

Keele University

United Kingdom

Motivation Australia

Australia

UERM CARES Philippine School of Prosthetics and Orthotics

Philippines

As of 11 October 2021.



ISPO
18TH WORLD CONGRESS
virtual edition



1-4 November 2021

Top five reasons to participate

- 1. Expand your knowledge**
- 2. Learn about the latest product innovations and trendsetting technologies**
- 3. Be connected to the ISPO community and meet your colleagues**
- 4. Enjoy maximum flexibility – platform accessible 24/7 live and on-demand**
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